



Docket No.: 214586US-3

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

RE: Application Serial No.: 09/964,624  
Applicants: Yukio HEMMI, et al  
Filing Date: September 28, 2001  
For: METHOD FOR CONTROLLING WATER  
QUALITY...  
Group Art Unit: 3641  
Examiner: To Be Assigned

SIR:

Attached hereto for filing are the following papers:

**PRELIMINARY AMENDMENT (With Marked-Up Copy)**

Our check in the amount of \$0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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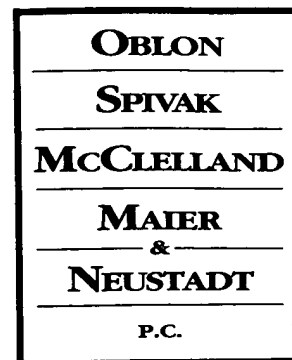


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**NOV 23 2001**

**GROUP 3600**



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :  
Yukio HEMMI, et al. : EXAMINER: To be Assigned  
SERIAL NO: 09/964,624 :  
FILED: September 28, 2001 : GROUP ART UNIT: 3641  
FOR: METHOD FOR CONTROLLING :  
WATER QUALITY IN NUCLEAR  
REACTOR AND NUCLEAR POWER  
PLANT TO WHICH THE METHOD  
IS APPLIED

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PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Prior to examination on the merits, please amend the above-identified application, as follows, without prejudice:

IN THE SPECIFICATION

Please amend the specification as shown below and in the marked-up copy following this amendment.

Reduction in an amount of cobalt generated will suffice in order to reduce a CRUD (Chalk River Unclassified Deposit) Co-60 in the reactor water under conditions in which an amount of iron carried is minimized. Under the present circumstances, the Co-base alloys for the turbine blade and the large-diameter valve make up 30% and 40% of the source of cobalt, respectively. Therefore, when the Stellite as Co base alloy is changed to nickel base alloy